

Grade Level	Unit	Opportunity for...	Location	Detail
7	Pop Eco (FOSS)	Evidenced-Based Explanations	Investigation 1	Part 3 could be modified to include explanations of milkweed bug behavior based on observational evidence.
7	Pop Eco (FOSS)	Engineering & Design	Investigation 3	Students design an aquarium or terrarium. As is this lesson involves a lot of hand holding and does not call out the engineering aspect of the project.
7	Pop Eco (FOSS)	Evidence-Based Explanations	Investigation 5	Parts 1 and 2 easily lend themselves to this. Part 4 could be modified to serve for this purpose as well.
7	Pop Eco (FOSS)	Engineering & Design	Investigation 6	The computer simulation activity that is at the core of Part 1 could be modified to include more of an engineering design process.
7	Pop Eco (FOSS)	Engineering & Design	Investigation 10	Either Part 1 or Part 3 could be modified to be more of an iterative process and call out engineering and design. This is the weaker of the three identified opportunities.
6	Levers & Pulleys (FOSS)	Evidence-Based Explanations	Investigation 1	In Parts 2 and 3 students muck about with a lever system. This would be an easy place to emphasize evidenced-based explanations.
6	Levers & Pulleys (FOSS)	Evidence-Based Explanations	Investigation 3	Parts 1 and 2 could be modified to emphasize evidence-based explanations.

6	Levers & Pulleys (FOSS)	Engineering & Design	Investigation 4	Part 3 begs to be modified to present students with an opportunity to solve a real-world problem using levers and pulleys.
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